## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Duncan McRee et al.

Serial No.: 09/848,866

Filed: May 4, 2001

**DETERMINING STRUCTURES BY** For:

PERFORMING COMPARISONS

**BETWEEN MOLECULAR** 

REPLACEMENT RESULTS FOR

MULTIPLE DIFFERENT

BIOMOLECULES

Group Art Unit: 3754

Examiner: Borin, Michael L.

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §§ 1.97 and 1.98, the items identified in this Information Disclosure Statement ("IDS") are brought to the attention of the Office. The items are listed on the attached form PTO-1449. As copies of U.S. patents and applications are no longer required by the Office, copies are not being submitted with this IDS. However, if the Examiner would like copies of the cited references, Applicant will provide the references upon request.

The items identified in this IDS may or may not be "material" pursuant to 37 CFR § 1.56. The submission thereof by Applicant is not to be construed as an admission that any such patent, publication or other information referred to therein is material or considered to be material (37 CFR § 1.97(h)), or even qualifies as "prior art" under 35

CERTIFICATE OF MAILING	ì
(37 C.F.R. § 1.8)	

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage in an envelope addressed to the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Linda Johnson

Name of Person Mailing Paper

March 11, 2005

**Date of Deposit** 

Signature of Person Mailing Paper

03/16/2005 EABUBAKI 00000046 502256 180.00 DA USC § 102 with respect to this invention unless specifically designated by Applicant as such.

## **INFORMATION DISCLOSURE STATEMENT FILING PROVISION:**

1.97(b) continuentry of	, that i led pro f the n fice ac	OS is believed to be timely in that it is being submitted under 37 CFR § is (1) within three months of the filing date of the application, which is not a esecution application filed under § 1.53(d) or (2) within three months of ational stage as set forth in 37 CFR § 1.491; or (3) before the mailing of a tion on the merits; or (4) before the mailing of a first Office action after filing continued examination under § 1.114. Thus, no fee is required.
		However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and charge the fee due under 37 CFR §1.17(p) to the deposi account referenced below.
		However, if the undersigned is in error in this regard, Applicant respectfully requests that the Office consider this IDS as filed under 37 CFR § 1.97(c), if applicable, and a statement under 37 CFR § 1.97(e) is included below, thus no fee is required.
Office a	action	OS is being submitted under 37 CFR § 1.97(c), that is after mailing of a first on the merits, but before a Final Action under 37 CFR § 1.113 or a Notice under 37 CFR § 1.311.  The fee due under 37 CFR § 1.17(p) is submitted herewith.
		A statement under 37 CFR § 1.97(e) is included below, thus no fee is required. In the event that this IDS is not received before a Final Action or a Notice of Allowance, then Applicant respectfully requests that the Office consider the filing of these papers to be submitted under 37 CFR § 1.97(d) and charge the fee due under 37 CFR § 1.17(p) to the deposit account below.
under 3	37 CFI nt of th	OS is being submitted under 37 CFR § 1.97(d), that is after a Final Action R § 1.113 or a Notice of Allowance under 37 CFR § 1.311, but before he issue fee. A statement under 37 CFR § 1.97(e) is included below. The r 37 CFR § 1.17(p) is submitted herewith.
		STATEMENT UNDER 37 CFR § 1.97(e): tem contained in this IDS was first cited in any communication from a
		t office in a counterpart foreign application not more than three months
		0 N L N C 11 16 3 11 A L

☐ No item contained in this IDS was cited in a communication from a foreign patent						
office in a counterpart foreign application, and, to the knowledge of the person signing						
this st	tatement after making reasonable inquiry	, no item of information contained in this				
IDS w	vas known to any individual designated ir	n 37 CFR § 1.56(c) more than three				
month	ns prior to the filing of this IDS.	•				
	PAYMENT AND/OR AUTHORIZ	ATION TO CHARGE FEES:				
	A check in the amount of is encl	osed for the above fee(s).				
$\boxtimes$	Please charge to Deposit Account No.	<b>50-2256</b> for the above fee(s).				
	Although Applicants do not believe any	additional fees are required, the				
Comr	missioner is authorized to charge any ad	ditional fees required by the filing of these				
papers to Syrrx's Deposit Account No. 50-2256.						
		Respectfully submitted,				
		SYRRX, INC.				
Dated	d: <u>March 11, 2005</u> By:	David J. Weitz				
		Rea. No. 38.362				

Customer No. **32793**Syrrx, Inc.
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STATEMENT				

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Complete if Known

Application Number 09/848,866

Filing Date May 4, 2001

First Named Inventor Duncan McRee et al.

Group Art Unit 2171

Examiner Name Borin, Michael L.

Attorney Docket Number SYRTECH-5001-U

U.S. PATENT DOCUMENTS					
	27.	Document Number	Publication Date/	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevan
	Cite No. <sup>1</sup>	Number - Kind Code <sup>2</sup> (if known)	Issue Date MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
	AA	US- 5,375,207	12-20-1994	Blakely et al.	
	AB	US- 5,436,850	07-25-1995	Eisenberg et al.	
	AC	US- 5,600,833	02-04-1997	Senn et al.	
	AD	US- 5,859,972	01-12-1999	Subramaniam et al.	
	AE	US- 5,878,373	03-02-1999	Cohen et al.	
	AF	US- 6,240,374B1	05-29-2001	Cramer et al.	
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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Evaminer	Cite	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
	No. <sup>1</sup>	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	T <sup>6</sup>		
	AG	WO 01/09595 A2-A3	02-08-2001	Emerald Biostructures, Inc.				
	АН	WO 03/032558 A2-A3	04-17-2003	Emerald Biostructures, Inc.				
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stitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor Duncan McRee et al.

Group Art Unit 2171

Examiner Name Borin, Michael L.

Complete if Known

(use as many sheets as necessary)

Sheet 2 of 2 Attor

Attorney Docket Number SYRTECH-5001-U

	,	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²	
	AI	BERMAN, Helen et al., The Protein Data Bank, Nucleic Acids Research, 2000, Vol. 28, No. 1, 235-242		
	AJ	FOADI, J. et al., A flexible and efficient procedure for the solution and phase refinement of protein structures, Acta Cryst. (2000), D56, 1137-1147		
	AK	GRAY, Peter M.D. et al., Macromolecular structure information and databases, TIBS 21 (July 1996), pp. 251-254		
	AL	HOLM, Liisa et al., Protein Structure Comparison by Alignment of Distance Matrices, J. Mol. Biol. (1993) 233, 123-138		
	АМ	MOCHALKIN, IGOR et al., "High-Throughput Structure Determination in an Informatics Environment", http://www.acceltys.com/webzine (8/1/02), 4 pages.		
	AN MURZIN, Alexey G. et al., SCOP: A Structural Classification of Proteins Database for the Investigation of Sequences and Structures, J. Mol. Biol. (1995) 247, 536-540			
	AO	NAVAZA, J., AmoRe: an Automated Package for Molecular Replacement, Acta. Cryst. (1994), A50, 157-163		
	AP	ROBINSON, Daniel D., Partial Molecular Alignment via Local Structure Analysis, J. Chem. Inf. Comput. Sci. 2000, 40, 503-512		
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